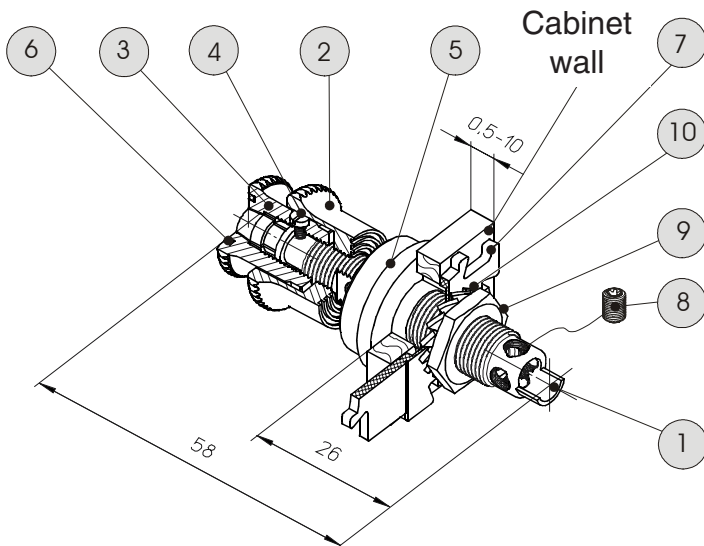


WBT-0702.01 Standard  
 WBT-0702.11 Signature gold  
 WBT-0702.12 Signature platinum

E



All dimensions in mm

Table of contents

1	Base element	1
2	Adjusting nut	1
3	Compression pad	1
4	Locking screw, M1.6 x 3 DIN 84	1
5	Doublestep washer with square socket and tappet, PA, red, white or black	1
6	Marking ring, PA, red, white or black	1
7	Insulating puzzle lock washer, PC, black	1
8	Torx® screw, M4 x 7, brass	1
9	Counternut	1
10	Optional fan-shaped washer, bronze	1

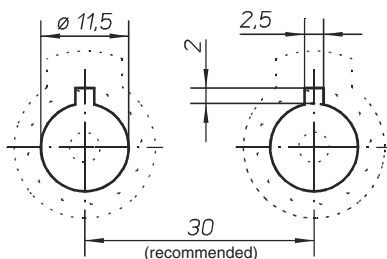
Extent of delivery: 1-9, 10 optional, parts 1-6, 8, 9 mounted \*

Revision date: 2001-04-26

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Torx is a reg. trademark of Camcar Textron, USA.

\* for consumer version only,  
 for OEM version: 1-4, 6 mounted



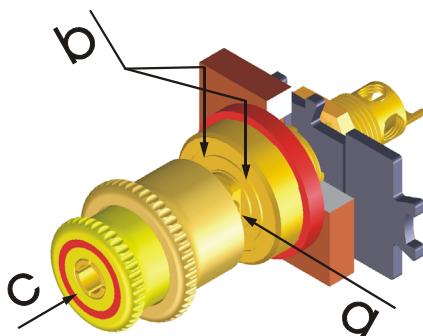
Drilling scheme (original size)

## WBT-0702 Pole terminal

### High-current pole terminal for cabinet mounting

- Mechanics**
  - single-segment, low-tolerance contact elements (tol. less than  $\pm 0.02$  mm)
  - solid basic element with 4-mm boring and collet chuck for banana plug and internal screw box with cross boring for direct cable connection. Adjusting nut with fine thread for optimum contact pressure on spade lugs and cable ends.
- Materials**
  - all solid parts made of highly ductile "OFC" copper alloy (68% Cu)
  - insulating material: polyamide (PA) 6 (10% glass fibre), red, white or black / polycarbonate (PC) (30% glass fibre), black
- Surfaces**
  - Standard: 3-layer finish, Au 0.3  $\mu$ m, non-magnetic
  - Signature: plated and polished, 1-layer finish, Au 0.3  $\mu$ m or Pt 0.3  $\mu$ m, non-magnetic
- Operating characteristics**

	Standard	Signature
- constant current	$I_D > 400$ A	$I_D > 400$ A
- peak current:	$I_S > 2,000$ A	$I_S > 2,000$ A
- contact resistance	$R_U \leq 0.1$ mohms	$R_U \leq 0.07$ mohms
- volume resistance	$R_B \leq 0.003$ mohms	$R_B \leq 0.002$ mohms
- isolation resistance	$R_{ISO} > 10^{10}$ ohms	$R_{ISO} > 10^{10}$ ohms
- Terminals**
  - internal connection (for cables up to 10 mm<sup>2</sup> (AWG 8)):
    - soldering version
    - crimping version
  - external connection:
    - a) for crimped cable ends up to 6 mm<sup>2</sup> (AWG 10)
    - b) spade lugs (with 6- and 8-mm contact fork)
    - c) for 4-mm banana plugs
- Mounting**
  - boring:  $\varnothing 11.5^{+0.2}$  mm with 2.5 x 2 nut for twist protection
  - recommended torque for the counter nut: 8.5 Nm
  - WBT also offers special parts and information hereto. Please ask us!



External connection possibilities (see under 5.)

**New:** WBT mounting plates made of aluminium, mono- and bi-wiring plates equipped with WBT terminals are also available.